



Robert Greene Sterne
 Edward J. Kessler
 Jorge A. Goldstein
 David K.S. Cornwell
 Robert W. Esmond
 Tracy-Gene G. Durkin
 Michele A. Cimbala
 Michael B. Ray
 Robert E. Sokohl
 Eric K. Steffe
 Michael Q. Lee
 Steven R. Ludwig
 John M. Covert
 Linda E. Alcorn
 Robert C. Millonig
 Lawrence B. Bugalsky
 Donald J. Featherstone
 Michael V. Messinger

Judith U. Kim
 Timothy J. Shea, Jr.
 Patrick E. Garrett
 Heidi L. Kraus
 Edward W. Yee
 Albert I. Ferro*
 Donald R. Banowitz
 Peter A. Jackman
 Teresa U. Medler
 Jeffrey S. Weaver
 Kendrick P. Patterson
 Vincent L. Capuano
 Eldora Ellison Floyd
 Thomas C. Fiala
 Brian J. Del Buono
 Virgil Lee Beaston
 Kimberly N. Reddick
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Elizabeth J. Haanes
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 Aric W. Ledford*

Michael D. Specht
 Jessica L. Parezo
 Timothy A. Doyle*
 Cynthia M. Bouchez
 Nicole D. Dretar*
 Ted J. Ebersole
Registered Patent Agents*
 Karen R. Markowicz
 Nancy J. Leith
 Helene C. Carlson
 Gaby L. Longsworth
 Matthew J. Dowd
 Aaron L. Schwartz
 Mary B. Tung
 Katrina Y. Pei Quach
 Bryan L. Skelton
 Robert A. Schwartzman

Teresa A. Colella
 Jeffrey S. Lundgren
 Victoria S. Rutherford
 Eric D. Hayes
 Michelle K. Holubek
 Robert H. DeSelms
 Simon J. Elliott
 Julie A. Heider
 Mita Mukerjee
 Scott M. Woodhouse
Of Counsel
 Kenneth C. Bass III
 Evan R. Smith
 Marvin C. Guthrie
 *Admitted only in Maryland
 †Admitted only in Virginia
 •Practice Limited to
 Federal Agencies

June 18, 2004

WRITER'S DIRECT NUMBER:
 (202) 772-8629

INTERNET ADDRESS:
 DONF@SKGF.COM

Commissioner for Patents
 PO Box 1450
 Alexandria, VA 22313-1450

Mail Stop RCE

Re: Allowed U.S. Utility Patent Application
 Application No. 09/662,832; Filed: September 15, 2000
 For: **Alignment and Ordering of Vector Elements for Single Instruction
 Multiple Data Processing**
 Inventors: van Hook *et al.*
 Our Ref: 1778.0100002

Sir:

In response to the Notice of Allowance and Issue Fee Due dated March 18, 2004, the following documents are forwarded for appropriate action by the U.S. Patent and Trademark Office:

1. Request for Continued Examination Transmittal (PTO/SB/30);
2. Fee Transmittal (PTO/SB/17);
3. Preliminary Amendment Under 37 C.F.R. § 1.114;
4. Credit Card Payment Form (PTO-2038); and
5. One (1) return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036. If extensions of time under 37

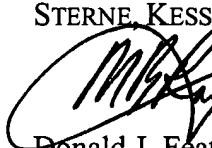
Commissioner for Patents
June 18, 2004
Page 2

C.F.R. § 1.136 other than those otherwise provided for herewith are required to prevent abandonment of the present patent application, then such extensions of time are hereby petitioned, and any fees therefore are hereby authorized to be charged to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

for:


Donald J. Featherstone
Attorney for Applicants
Registration No. 33,876

Reg. No. 33,997

DJF/MBR/LMY:krd
Enclosures

278091_1.DOC



PTO/SB/30 (08-03)

Approved for use through 07/31/2006.

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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RCE
2183
IFLW
cc

Request**For****Continued Examination (RCE)
Transmittal**

Address to:
Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

| | |
|-------------------------------|---------------------|
| <i>Application Number</i> | 09/662,832 |
| <i>Filing Date</i> | September 15, 2000 |
| <i>First Named Inventor</i> | Timothy J. van Hook |
| <i>Art Unit</i> | 2183 |
| <i>Examiner Name</i> | Pan, Daniel H. |
| <i>Attorney Docket Number</i> | 1778.0100002 |

This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application.

Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. See Instruction Sheet for RCEs (not to be submitted to the USPTO) on page 2.

- 1. Submission required under 37 CFR 1.114** Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).

- a. Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked.

- i. Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____
ii. Other _____

- b. Enclosed

- | | |
|---|--|
| i. <input checked="" type="checkbox"/> Amendment/Reply | iii. <input type="checkbox"/> Information Disclosure Statement (IDS) |
| ii. <input type="checkbox"/> Affidavit(s)/ Declaration(s) | iv. <input type="checkbox"/> Other _____ |

2. Miscellaneous

- Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a

- a. period of _____ months. (Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required)
b. Other _____

3. Fees The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.

The Director is hereby authorized to charge the following fees, or credit any overpayments, to

- a. Deposit Account No. 19-0036

- i. RCE fee required under 37 CFR 1.17(e)
ii. Extension of time fee (37 CFR 1.136 and 1.17)
iii. Other _____

- b. Check in the amount of \$ _____ enclosed

- c. Payment by credit card (Form PTO-2038 enclosed)

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

| | | | |
|-------------------|--|-----------------------------------|---------|
| Name (Print/Type) | Donald J. Featherstone | Registration No. (Attorney/Agent) | 33,876 |
| Signature | <i>[Signature]</i> <i>Rep. No. 33,876</i> | Date | 6/18/04 |

CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop RCE, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 or facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below.

| | | |
|-------------------|--|------|
| Name (Print/Type) | | Date |
| Signature | | |

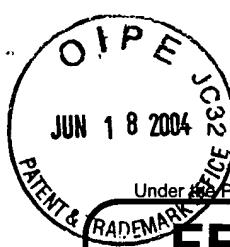
This collection of information is required by 37 CFR 1.114. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

06/22/2004 CNGUYEN 00000053 09662832

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770.00 OP



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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

| | |
|-------------------------|--------------|
| TOTAL AMOUNT OF PAYMENT | (\\$) 770.00 |
|-------------------------|--------------|

Complete if Known

| | |
|----------------------|---------------------|
| Application Number | 09/662,832 |
| Filing Date | September 15, 2000 |
| First Named Inventor | Timothy J. van Hook |
| Examiner Name | Pan, Daniel H. |
| Art Unit | 2183 |
| Attorney Docket No. | 1778.0100002 |

METHOD OF PAYMENT (check all that apply)

Check Credit card Money Order Other** None

**Charge any deficiencies or credit any overpayments in Deposit Account: the fees to Deposit Acct. No. 19-0036.

| | |
|------------------------|---|
| Deposit Account Number | 19-0036 |
| Deposit Account Name | Sterne, Kessler, Goldstein & Fox P.L.L.C. |

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) or any underpayment of fee(s)
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity | Small Entity | Fee Code (\$) | Fee Code (\$) | Fee Description | Fee Paid |
|---------------------|--------------|-------------------|---------------|------------------------|----------|
| 1001 770 | 2001 385 | | | Utility filing fee | |
| 1002 340 | 2002 170 | | | Design filing fee | |
| 1003 530 | 2003 265 | | | Plant filing fee | |
| 1004 770 | 2004 385 | | | Reissue filing fee | |
| 1005 160 | 2005 80 | | | Provisional filing fee | |
| SUBTOTAL (1) | | (\\$) 0.00 | | | |

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| Total Claims | - 20 | **= | X | = | Fee from below | Fee Paid |
|--------------------|------|-----|---|---|----------------|----------|
| Independent Claims | - 3 | **= | X | = | | |
| Multiple Dependent | | | | | | |

| Large Entity | Small Entity | Fee Code (\$) | Fee Code (\$) | Fee Description | Fee Paid |
|---------------------|--------------|-------------------|---------------|--|----------|
| 1202 18 | 2202 9 | | | Claims in excess of 20 | |
| 1201 86 | 2201 43 | | | Independent claims in excess of 3 | |
| 1203 290 | 2203 145 | | | Multiple dependent claim, if not paid | |
| 1204 86 | 2204 43 | | | ** Reissue independent claims over original patent | |
| 1205 18 | 2205 9 | | | ** Reissue claims in excess of 20 and over original patent | |
| SUBTOTAL (2) | | (\\$) 0.00 | | | |

**or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

| | |
|--------------|--------------|
| Large Entity | Small Entity |
|--------------|--------------|

| Fee Code (\$) | Fee Code (\$) | Fee Description | Fee Paid |
|---------------|---------------|--|----------|
| 1051 130 | 2051 65 | Surcharge - late filing fee or oath | |
| 1052 50 | 2052 25 | Surcharge - late provisional filing fee or cover sheet | |
| 1053 130 | 1053 130 | Non-English specification | |
| 1812 2,520 | 1812 2,520 | For filing a request for ex parte reexamination | |
| 1804 920* | 1804 920* | Requesting publication of SIR prior to Examiner action | |
| 1805 1,840* | 1805 1,840* | Requesting publication of SIR after Examiner action | |
| 1251 110 | 2251 55 | Extension for reply within first month | |
| 1252 420 | 2252 210 | Extension for reply within second month | |
| 1253 950 | 2253 475 | Extension for reply within third month | |
| 1254 1,480 | 2254 740 | Extension for reply within fourth month | |
| 1255 2,010 | 2255 1,005 | Extension for reply within fifth month | |
| 1401 330 | 2401 165 | Notice of Appeal | |
| 1402 330 | 2402 165 | Filing a brief in support of an appeal | |
| 1403 290 | 2403 145 | Request for oral hearing | |
| 1451 1,510 | 1451 1,510 | Petition to institute a public use proceeding | |
| 1452 110 | 2452 55 | Petition to revive - unavoidable | |
| 1453 1,330 | 2453 665 | Petition to revive - unintentional | |
| 1501 1,330 | 2501 665 | Utility issue fee (or reissue) | |
| 1502 480 | 2502 240 | Design issue fee | |
| 1503 640 | 2503 320 | Plant issue fee | |
| 1460 130 | 1460 130 | Petitions to the Commissioner | |
| 1807 50 | 1807 50 | Processing fee under 37 CFR 1.17(q) | |
| 1806 180 | 1806 180 | Submission of Information Disclosure Stmt | |
| 8021 40 | 8021 40 | Recording each patent assignment per property (times number of properties) | |
| 1809 770 | 2809 385 | Filing a submission after final rejection (37 CFR 1.129(a)) | |
| 1810 770 | 2810 385 | For each additional invention to be examined (37 CFR 1.129(b)) | |
| 1801 770 | 2801 385 | Request for Continued Examination (RCE) | 770.00 |
| 1802 900 | 1802 900 | Request for expedited examination of a design application | |

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) /(\$)

770.00

SUBMITTED BY

(Complete if applicable)

| | | | | | |
|-------------------|------------------------|-----------------------------------|--------|-----------|----------------|
| Name (Print/Type) | Donald J. Featherstone | Registration No. (Attorney/Agent) | 33,876 | Telephone | (202) 371-2600 |
| Signature | <i>by: [Signature]</i> | Reg. No. 33,997 | | Date | 6/18/04 |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| | |
|---|----------------------------|
| In re application of: | Confirmation No.: 2552 |
| van Hook <i>et al.</i> | Art Unit: 2183 |
| Appl. No.: 09/662,832 | Examiner: Pan, Daniel H. |
| Filed: September 15, 2000 | Atty. Docket: 1778.0100002 |
| For: Alignment and Ordering of Vector Elements for Single Instruction Multiple Data Processing | |

Preliminary Amendment Under 37 C.F.R. § 1.114

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This Preliminary Amendment is being filed along with a Request for Continued Examination Under 37 C.F.R. § 1.114. As payment of the issue fee has not yet been made, Applicants respectfully submit that filing under 37 C.F.R. § 1.114 is proper. This Preliminary Amendment is provided in the following format:

- (A) Each section begins on a separate sheet;
- (B) Starting on a separate sheet, amendments to the specification by presenting replacement paragraphs marked up to show changes made;
- (C) Starting on a separate sheet, a complete listing of all of the claims:
 - in ascending order;
 - with status identifiers; and
 - with markings in the currently amended claims;
- (D) Starting on a separate sheet, the Remarks.

It is not believed that extensions of time or fees for net addition of claims are required beyond those that may otherwise be provided for in documents accompanying this paper.

van Hook *et al.*
Appl. No. 09/662,832

However, if additional extensions of time are necessary to prevent abandonment of this application, then such extensions of time are hereby petitioned under 37 C.F.R. § 1.136(a), and any fees required therefore (including fees for net addition of claims) are hereby authorized to be charged to our Deposit Account No. 19-0036.